

# INFORMATION REPORT      INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY	USSR (Gorkiy Oblast)	REPORT	
SUBJECT	Construction of Hydroelectric Installation at Gorodets	DATE DISTR.	29 June 1955 25X1
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This is UNEVALUATED Information

SOURCE EVALUATIONS ARE DEFINITIVE    APPRAISAL OF CONTENT IS TENTATIVE

1. A power station is being constructed on the Volga about 60 km. north of Gorkiy. Dams and a power station are being built on the west shore of the river. Sluices are on the east shore. 25X1
2. A number of workers' dwellings, a hotel, and meeting halls have been built at a small community named Gorodets. When the power station is finished, this community will be the site of a shipyard that will be constructed below the power plant and will build vessels for river traffic.
3. About 12,000 workers and 150 engineers are employed at the power station and dam construction site itself. Three shifts a day and a 24-hour day are being worked. The work tempo is low, and a large number of women could be seen at work. There had been a miscalculation of the work time, as it was said that the construction had begun in 1948 and was to have been completed in 1954.
4. The width of the whole undertaking is reported to be 1,350 meters, of which the power plant is 200 meters and the flood gates are 70 meters. The remainder is dam. The power plant will have eight turbines with generators of 50,000 kilowatts each. They are counting on putting five of them into service this year.
5. The sluices are two double sluices that are set in pairs, one after the other, with 600 meters between them. The maximum difference in the level of the river above and below the sluices is calculated to be 16 meters, a rather small difference. This explains the information that only the upper pair of flood gates will come into use this year. More is not needed. The sluice chambers are the same size, 290 meters long and 30 meters broad, with a water depth over the sluice sill of four meters.

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(Note: Washington distribution indicated by "X"; Field distribution by "#")

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6. The following information was acquired concerning power stations on the Volga and the Kama. The system will consist of seven power plants with a combined output of four to five million kilowatts. The seven plants are located at Uglich, Ivankovo, Shcherbakov, Gorkiy, Cheboksary, Kuybyshev, Balakovo, and Stalingrad. It is possible that an additional power plant will be added at the mouth of the river at Astrakhan. There is also talk of a power plant to be build at Votkinsk, not far from the confluence of the Kama and the Volga.

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